

**INVENTORSHIP DECLARATION BY SOLE INVENTOR**

I, Susan Hares, HEREBY DECLARE THAT:

My residence, mailing address, and citizenship are stated below next to my name.

I believe I am the original, first, and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

SYSTEMS AND METHODS FOR ROUTING EMPLOYING LINK STATE AND PATH VECTOR TECHNIQUES

the specification of which:

- is attached hereto.  
 was filed on August 25, 2003 as Application Serial No. 10/648,758.

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 C.F.R. §1.56, including, for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim priority benefits under 35 U.S.C. §119(a)-(d) or (f), §172, or §365(a)-(b) of any foreign or international application(s) for patent or inventor's certificate listed below in Table 1 and have also identified in Table 1 any such foreign or international application having a filing date before that of the application of which priority is claimed.

I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. I understand that the execution of this document does not in itself establish an attorney-client relationship between the undersigned and Perkins Coie, LLP, or any of its attorneys.

Full name of Sole inventor: Susan Hares

Citizenship: U.S.A. Mailing Address: 7453 Hickory Hill  
Saline, Michigan 48176

Residence (if different): \_\_\_\_\_

Inventor's Signature: *Susan Lay Hares* Date: 3/19/04



Attorney Docket No. 41434-8003.US00

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on:

Date: 4-19-2004

By: Susan L Hare

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: SUSAN HARES

APPLICATION No.: 10/648,758

FILED: AUGUST 25, 2003

FOR: SYSTEMS AND METHODS FOR ROUTING  
EMPLOYING LINK STATE AND PATH VECTOR  
TECHNIQUES

EXAMINER: NOT ASSIGNED

ART UNIT: 2621

CONF. NO: 3726

**Power of Attorney by Assignee and Certification**  
**Under 37 C.F.R. § 3.73(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I, the undersigned, acting on behalf of the Assignee of the entire right, title and interest in the above-identified patent application, by virtue of an Assignment filed concurrently herewith, appoint the attorneys and agents listed below to prosecute this application and transact all business with the U.S. Patent and Trademark Office in connection therewith. This appointment is to the exclusion of the inventor(s) and their attorney(s) and agent(s) in accordance with the provisions of 37 C.F.R. § 3.71.

All prior powers of attorney for this application are hereby revoked. The Assignee hereby appoints

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In accordance with 37 C.F.R. § 3.73(b), I hereby certify that I am empowered to act on behalf of the Assignee. To the best of my knowledge and belief, title is in the Assignee, as evidenced by the Assignment noted above.

I further declare that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both,

under Title 18, USC § 1001 and that such willful false statements may jeopardize the validity of this application or any patent resulting therefrom.

ASSIGNEE: NextHop Technologies, Inc.

Signature: Susan Ray Flores

Typed Name: Susan Ray Flores

Title: Chief Technology Officer

Date: 3/10/04

Address: 825 Victors Way, Suite 100, Ann Arbor, MI 48108